

Substitute PTO/SBA (08-09)

Approved for use through 10/31/2002. CMB 0851-0031

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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/616,582
		Filing Date	02/29/2000
		First Named Inventor	Buelow, R.
		Group Art Unit	1632
		Examiner Name	Li, Q. J.
		Attorney Docket Number	A-83708-B/TAL/CYO
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials	Clk No.	U.S. Patent Document Number/Kind Code ¹ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
	A1				
	A2				
	A3				
	A4				
	A5				
	A6				
	A7				
	A8				
	A9				

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Clk No.	Foreign Patent Document Country Code ¹ Number ² Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
	B1				
	B2				
	B3				
	B4				
	B5				
	B6				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Clk No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the book (book, monograph, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	C1	Evans, C-O et al., "Cloning and sequencing and expression of cDNA for chick liver heme oxygenase: comparison of avian and mammalian cDNAs and deduced protein," <i>Biochem J.</i> 273:658-666 (1991).			
	C2	Yoshida, et al., "Human heme oxygenase cDNA and induction of its mRNA by hemin," <i>Eur. J. Biochem.</i> 171:457-461 (1988).			
	C3	Ishikawa, K. et al., "Expression of rat heme oxygenase in <i>Escherichia coli</i> as a catalytically active, full length form that binds to bacterial membranes," <i>Eur. J. Biochem.</i> 202:161-165 (1997).			
	C4	Schmitt, M.P., "Utilization of Host Iron Sources by <i>Corynebacterium diphtheriae</i> : Identification of a Gene Whose Product is Homologous to Eukaryotic Heme Oxygenases and is Required for Acquisition of Iron from Heme and Hemoglobin," <i>J. Bact.</i> 178(5):838-845 (1997).			
	C5	Rotenberg, M.O. et al., "Characterization of a cDNA-encoding Rabbit Brain Heme Oxygenase-2 and Identification of a Conserved Domain among Mammalian Heme Oxygenase Isozymes: Possible Heme-Binding Site," <i>Archives Biochem. Biophys.</i> 280(2) 336-344 (1991).			

Examiner Signature		Date Considered	10/8/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English Language Translation is attached.

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Substitute PTO/BA (09-00)

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Substitute for form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known Application Number 09/515,582 Filing Date 02/20/2000 First Named Inventor Buelow, R. Group Art Unit 1832 Examiner Name U. Q. J. Attorney Docket Number A-63708-S/TALUCYO	
Sheet	2	of	2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	*
	C6	Wilks, A. et al., "Rat Liver Heme Oxygenase: High Level Expression of a Truncated Soluble Form and Nature of the Meso-Hydroxylating Species," <i>J. Biol. Chem.</i> 268:22357-62 (1993)	
	C7	Schuller, D.J. "Crystal structure of heme oxygenase-1," <i>Nature Struct. Biol.</i> 6(9):860-867 (1999).	
	C8	Omata, Y. et al., "Crystallization and preliminary X-ray diffraction studies on the water soluble form of rat heme oxygenase-1 in complex with heme," <i>Acta. Cryst.</i> D54:1017-1019 (1998).	
	C9	Hogazy, K.A. et al., "Functional human heme oxygenase has a neuroprotective effect on adult rat ganglion cells after pressure induced ischemia," <i>Regeneration and Transplantation</i> 11(5):1165-1169 (2000)	
	C10	Melo, L.G. et al., "Gene Therapy Strategy for Long-Term Myocardial Protection Using Adeno-Associated Virus Mediated Delivery of Heme Oxygenase Gene," <i>Circulation</i> 105:802-807 (2002)	
	C11	Juan, S.H. et al., "Adenovirus-Mediated Heme Oxygenase-1 Gene Transfer Inhibits the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice," <i>Circulation</i> 104:1519-1525 (2001).	
	C12	Lee, P.J. et al., "Overexpression of heme oxygenase-1 in human pulmonary epithelial cells results in cell growth arrest and increased resistance to hyperoxia," <i>Proc. Natl. Acad. Sci. USA</i> 93:10363-10368 (1996).	
	C13	Hori, R. et al., "Gene Transfection of H2SA Mutant Heme Oxygenase-1 Protects Cells against Hyperoxide-Induced Cytotoxicity," <i>J. Biol. Chem.</i> 277(12):10712-10718 (2002).	
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Examiner Signature	<i>[Signature]</i>	Date Considered	10/8/03
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